

# INTERNATIONAL SEARCH REPORT

Int'l Application No  
PCT/US2004/018423

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C09J7/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C09J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 672 402 A (KRECKEL KARL W ET AL) 30 September 1997 (1997-09-30) Comparative Example B	8, 9, 15, 17
X	WO 02/36702 A (WIPAK WALSRÖDE GMBH & CO KG ; BRANDT RAINER (DE); JACOBSEN SVEN (DE);) 10 May 2002 (2002-05-10) example 1	8-11, 17, 19
X	EP 1 201 145 A (YKK CORP) 2 May 2002 (2002-05-02) claim 1	8, 12, 17
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

3 November 2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI Section Ch, Week 200273 Derwent Publications Ltd., London, GB; Class A23, AN 2002-679047 XP002303655 &amp; JP 2002 249603 A (MITSUI CHEM INC) 6 September 2002 (2002-09-06) abstract</p>	8,9
A	<p>----- WO 92/11333 A (MINNESOTA MINING &amp; MFG) 9 July 1992 (1992-07-09) cited in the application claims</p>	1-22
A	<p>----- PATENT ABSTRACTS OF JAPAN vol. 2003, no. 10, 8 October 2003 (2003-10-08) &amp; JP 2003 160767 A (NITTO DENKO CORP), 6 June 2003 (2003-06-06) abstract</p>	1-22
A	<p>----- PATENT ABSTRACTS OF JAPAN vol. 2000, no. 26, 1 July 2002 (2002-07-01) &amp; JP 2001 247828 A (PILOT INK CO LTD), 14 September 2001 (2001-09-14) abstract</p> <p>-----</p>	1-22

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